

CLAIMS

I claim:

1. A method for automatically producing a decrypted display of a cryptogram within a web site page as said web site page is being loaded into a browser, comprising:
 - (a) providing said browser of known type which will:
 - (1) load said web site page,
 - (2) display the contents of said web site page, and
 - (3) execute script functions within said web site page,
 - (b) providing an associated key which will enable the decryption of said cryptogram,
 - (c) providing a decryption function which will:
 - (1) operate within said web site page, and
 - (2) generate said decrypted display,whereby the generation of said decrypted display requires the use of said associated key,
whereby said cryptogram is displayed exactly as its contents in clear-text would have been displayed,
whereby said cryptogram remains obfuscated at all times,
and
whereby said web site is utilized as a practical and secure means for both distributing and viewing sensitive information.
2. The method of claim 1 wherein said decryption function decrypts and displays a plurality of said cryptograms in a plurality of said web site pages in said web site.
3. The method of claim 1 wherein said cryptogram is of any size up to the size allowed by HTML standards for said web site page.

4. The method of claim 1 wherein said decryption function equates two characters from two different character sets by their position, comprising:
 - (a) providing a first means which will render index values for all characters allowed in said display, and
 - (b) providing a second means which will render index values for all characters allowed in said cryptogram,whereby said decryption function is able to operate in accordance with said web site page standards.
5. The method of claim 1 wherein said decryption function obtains said associated key from a plurality of decryption keys.
6. The method of claim 5 wherein an operator of said browser provides said plurality of decryption keys, comprising:
 - (a) providing a third means for sending an input request to said operator, and
 - (b) providing a key handling function which will make said plurality of decryption keys available to said decryption function,whereby said operator interacts only with processes contained within said web site page.
7. The method of claim 6 wherein said operator receives a validity report upon entry of each said decryption key, whereby said operator is afforded the convenience of immediate notice of the validity of each said decryption key.

8. The method of claim 6 wherein said plurality of decryption keys are made available to all said web site pages in said web site, comprising:

- (a) providing a frameset page which will establish communication between said web site pages if not already established, and
- (b) providing said key-handling function which will make said plurality of decryption keys available to all said web site pages upon loading,

Whereby said operator is afforded the convenience of entering said plurality of decryption keys in a single declaration.

9. The method of claim 6 wherein said key-handling function operates only on the first instance of said cryptogram being loaded into said browser, whereby said operator is requested to enter said plurality of decryption keys only if an instance of said web site page is encountered while said operator is browsing said web site.